

ABSTRACT OF THE INVENTION

A low-cost controller that operates in accordance with firmware stored in a memory. The controller includes a data
5 processing circuit that performs predetermined processing on data and generates processed data. A write wire is connected to the memory, and a terminal is provided for used in the output of the data processed by the data processing circuit and/or the provision of the data to the data processing
10 circuit. The controller includes a selector for connecting the write wire and the terminal to write the firmware to the memory.